Application No.: 10/713,406 Docket No.: 03226/337001; SUN040164

AMENDMENTS TO THE SPECIFICATION

Please amend paragraph [0043] as follows.

--On the other hand, in one or more embodiments, speculative tracing may occur where the speculative buffer is used on [[one]] more than one processor. In this case, the speculative buffers associated with the *speculation()* function must be asynchronously cleaned (which may potentially lead to a higher rate of dirty speculative drops). The rate at which the speculative buffers are cleaned occurs at a user-configurable, fixed interval (*i.e.*, not at probe-triggering time) by making a call to each processor to atomically reset each speculative buffer. Once a speculative buffer has been committed or discarded, the speculative buffer cannot be reused until all of the processors take the same action on their respective speculative buffers. Accordingly, subsequent *speculation()* function calls will be "silently" discarded and *commit()* and *discard()* function calls will fail thereby incrementing a counter, whose contents may be reported back to the user.--